The Commonwealth of Massachusetts
Department of State Police
305 South Street, Jamaica Plain, MA 02130
617-983-6622

DEVAL L. PATRICK
GOVERNOR

TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR

MARY ELIZABETH HEFFERNAN
SECRETARY

COLONEL TIMOTHY P. ALBEN
SUPERINTENDENT

08/06/12

Paula Chouinard
Assistant District Attorney's Office, Essex County

Ms. Chouinard,

Enclosed is the information you requested. Included are copies of the following:

1. Drug Analysis Laboratory Receipt.

2. Analysis sheets with chemist's hand notations and test results.

3. GC/MS analytical data for sample #'s ███████████████

If you have any questions about these materials, please call me at the number below.

Sincerely,

Kate Corbett
Chemist II
Drug Analysis Lab
(617) 983-6632

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
State Laboratory Institute

Boston Drug Laboratory
Tel (617) 983-6622
Fax (617) 983-6625

Amherst Drug Laboratory
Tel (413) 545-2601
Fax (413) 545-2608

Boston Hours
8:00 – 11:00
2:00 – 4:00

DRUG RECEIPT

Amherst Hours
9:00 – 12:00
1:00 – 3:00

City or Department: _LAWRENCE_   Police Reference No.: ███████████

Name and Rank of Submitting Officer: _DET. PEROCCHI_
C SAINDON   _12000029_

Defendant(s) Name (last, first, initial): ███████████████

To be completed by Submitter	To be completed by Lab Personnel	
Description of Items Submitted	**Gross Weight**	**Lab Number**
1 PL PKT OF A BROWN POWDER	7.11g	████████
1 ORANGE TAB	2.71g	
3 PL PKT OF A WHITE POWDER	2.38g	

Received by: _C.D._   Date: _2-22-12_

DRUG POWDER ANALYSIS FORM

SAMPLE ▇▇▇▇▇▇▇ AGENCY Lawrence   ANALYST KAC

No. of samples tested: __1__   Evidence Wt. OK

PHYSICAL DESCRIPTION:

1 pbs containing tan powder

Gross Wt (7): 4.7222g
Gross Wt (1): 0.4717g
Pkg. Wt: 0.1495g
Net Wt: 0.3222g ✓

Amt used in vial = 0.0143g

PRELIMINARY TESTS
Spot Tests

Cobalt
Thiocyanate ( ) +blue

Marquis +purple

Froehde's +purple

Mecke's +green

Microcrystalline Tests

Gold
Chloride _____

TLTA ( ) _____

OTHER TESTS

_____

_____

_____

PRELIMINARY TEST RESULTS

RESULTS Heroin

DATE 7/24/12

GC/MS CONFIRMATORY TEST

RESULTS Heroin

MS
OPERATOR KAC

DATE 7/26/12

I072512.S

DRUG POWDER ANALYSIS FORM

SAMPLE ██████████████ AGENCY Lawrence ANALYST KAC

No. of samples tested: 1

Evidence Wt. OK

PHYSICAL DESCRIPTION:

2 similar pbs containing
white powder

Gross Wt (2): 0.4439g

Gross Wt (1): 0.2726g

Pkg. Wt: 0.1843g

Net Wt: 0.0883g

amt used in vial = 0.0027g

PRELIMINARY TESTS
Spot Tests

Cobalt
Thiocyanate ( )   + blue

Marquis _____

Froehde's _____

Mecke's _____

Microcrystalline Tests

Gold
Chloride   +

TLTA ( )   +

OTHER TESTS

_____
_____
_____

PRELIMINARY TEST RESULTS

RESULTS Cocaine

DATE 7/24/12

GC/MS CONFIRMATORY TEST

RESULTS Cocaine

MS
OPERATOR KAC

DATE 7/26/12

██████████████████

DRUG POWDER ANALYSIS FORM

SAMPLE ████████ AGENCY Lawrence ANALYST KHC

No. of samples tested: 1   Evidence Wt. OK

PHYSICAL DESCRIPTION:

1 orange tablet

N8   ✝

Gross Wt ( ): —

Gross Wt ( ): —

Pkg. Wt: —

~~Direct~~ Net Wt: 0.3905 g ✓

amt used in vial = 0.0944 g

PRELIMINARY TESTS
Spot Tests

$$\frac{8mg}{0.3905g} = \frac{2mg}{X}$$

$$= 0.09 g$$

Cobalt Thiocyanate ( ) _____

Marquis _____

Froehde's _____

Mecke's _____

Microcrystalline Tests

Gold Chloride _____

TLTA ( ) _____

OTHER TESTS

Micromedex ⊕ for Buprenorphine

PRELIMINARY TEST RESULTS

RESULTS Buprenorphine

DATE 7/24/12

GC/MS CONFIRMATORY TEST

RESULTS Buprenorphine

MS OPERATOR KHC

DATE 7/26/12

Drug Information

DRUG NAME: SUBOXONE TABLET

INGREDIENTS: BUPRENORPHINE -- 8 MG
NALOXONE -- 2 MG

Color: orange

Shape: Six-sided

Imprint: N8 Sword Logo

Form: Sublingual Tablet

Available-Container-Size: Bottle of 30
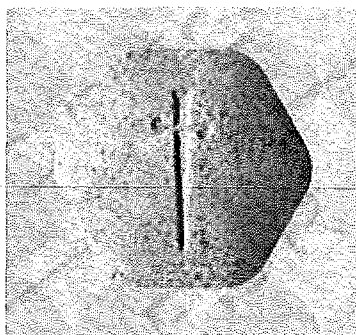
AAPCC Code: 200625 -
Buprenorphine

NDC: 12496-1306-02

Regulatory Status: Schedule III

Availability: United States

Product ID 6370996

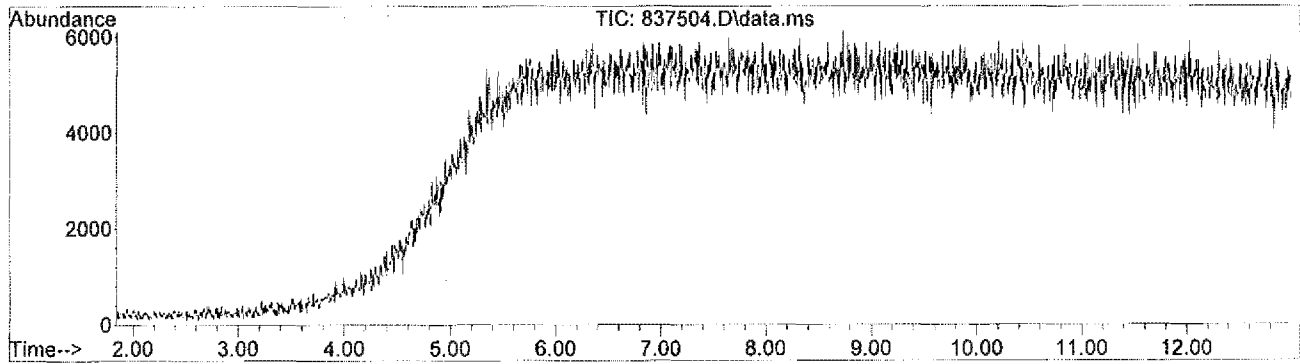**Contact:** Reckitt Benckiser
Pharmaceuticals

Area Percent / Library Search Report

Information from Data File:
File Name   : C:\MSDCHEM\1\DATA\SYSTEM9\07_25_12\837504.D
Operator   :
Date Acquired : 25 Jul 2012 10:51
Sample Name   : BLANK
Submitted by   :
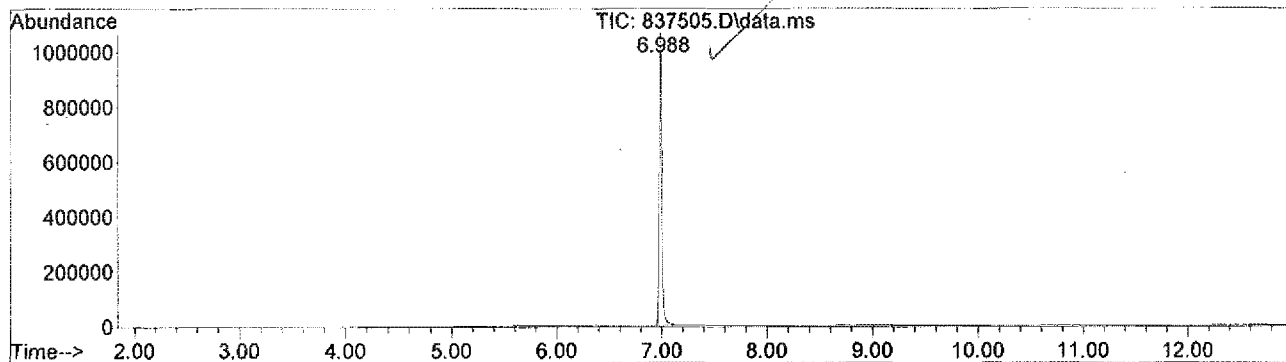Vial Number   :   1
AcquisitionMeth: DRUGS.M
Integrator   : RTE

Ret. Time	Area	Area %	Ratio %

NO INTEGRATED PEAKS
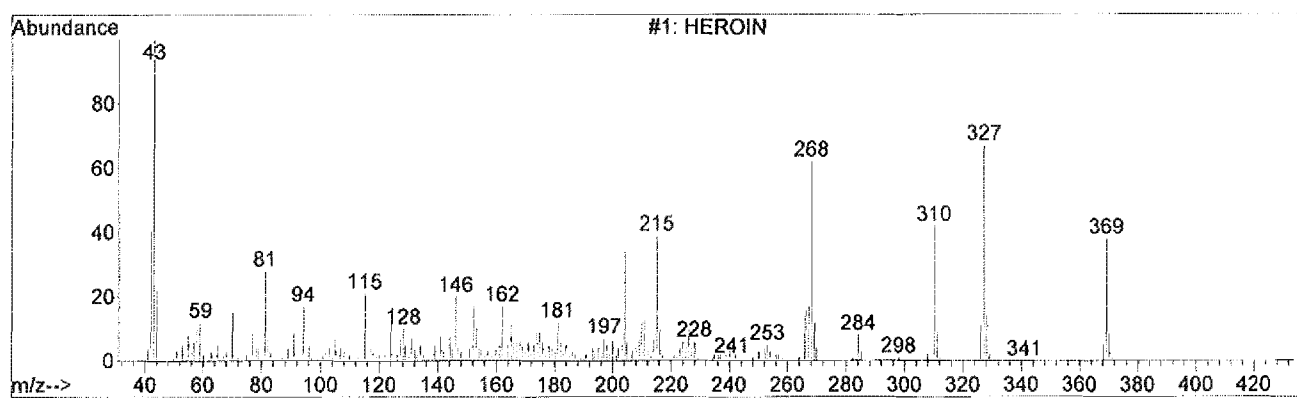
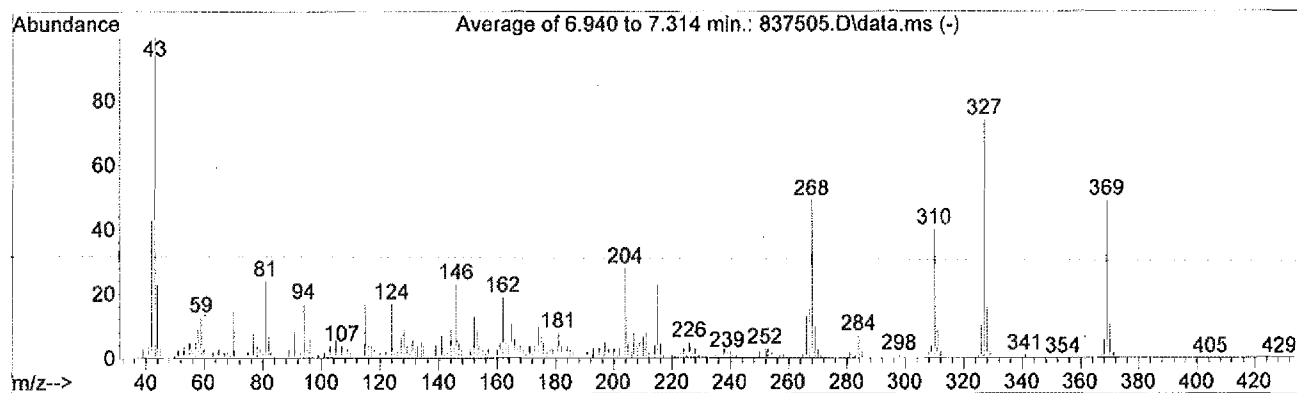# Area Percent / Library Search Report

Information from Data File:
```
File Name        : C:\MSDCHEM\1\DATA\SYSTEM9\07_25_12\837505.D
Operator         :
Date Acquired    : 25 Jul 2012   11:06
Sample Name      : HEROIN STD
Submitted by     :
Vial Number      :    5
AcquisitionMeth: DRUGS.M
Integrator       : RTE
```


Ret. Time	Area	Area %	Ratio %
6.988	1772559	100.00	100.00

Information from Data File:
File Name   : C:\MSDCHEM\1\DATA\SYSTEM9\07_25_12\837505.D
Operator   :
Date Acquired : 25 Jul 2012   11:06
Sample Name   : HEROIN STD
Submitted by   :
Vial Number   :   5
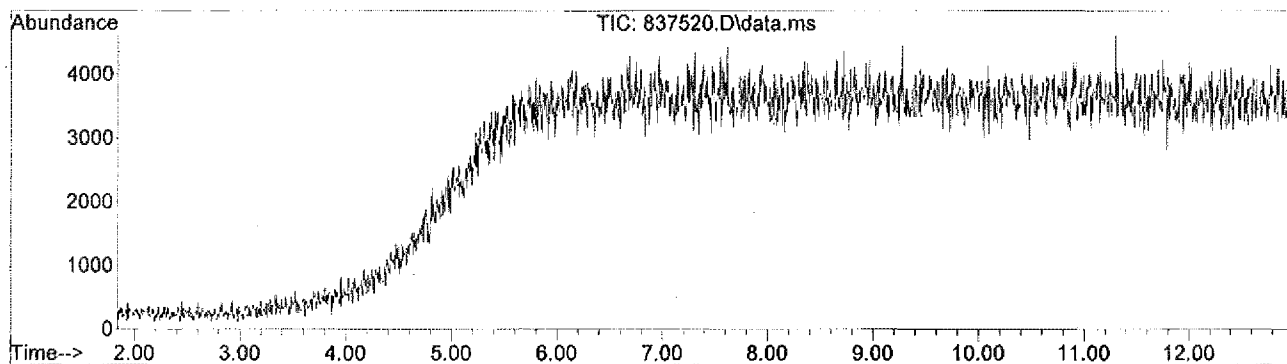AcquisitionMeth: DRUGS.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                    C:\Database\NIST08.L   Minimum Quality: 10
                    C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	6.99	C:\Database\SLI.L		
		HEROIN	000561-27-3	94

Average of 6.940 to 7.314 min.: 837505.D\data.ms (-)

#1: HEROIN

Folk_OIG_PRR_064757

Area Percent / Library Search Report

Information from Data File:
```
File Name       : C:\MSDCHEM\1\DATA\SYSTEM9\07_25_12\837520.D
Operator        :
Date Acquired   : 25 Jul 2012  14:59
Sample Name     : BLANK
Submitted by    : KAC
Vial Number     :  1
AcquisitionMeth: DRUGS.M
Integrator      : RTE
```
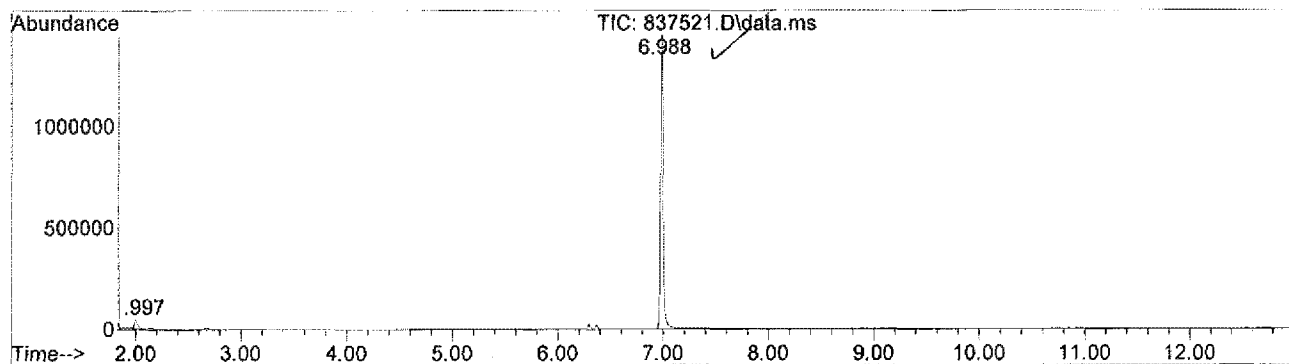

Ret. Time	Area	Area %	Ratio %

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:
File Name   : C:\MSDCHEM\1\DATA\SYSTEM9\07_25_12\837521.D
Operator   :
Date Acquired : 25 Jul 2012 / 15:15
Sample Name   : ██████████
Submitted by   : KAC
Vial Number   :   21
AcquisitionMeth: DRUGS.M
Integrator   : RTE

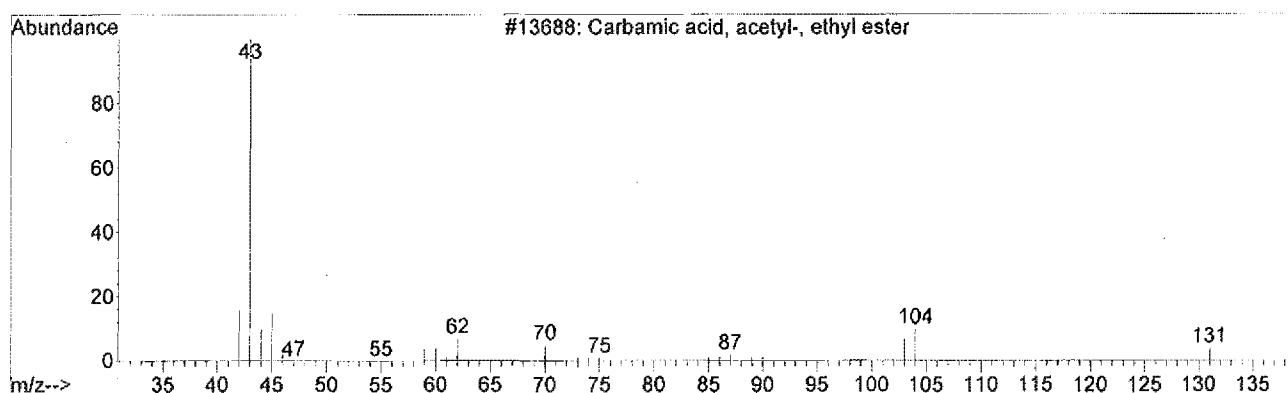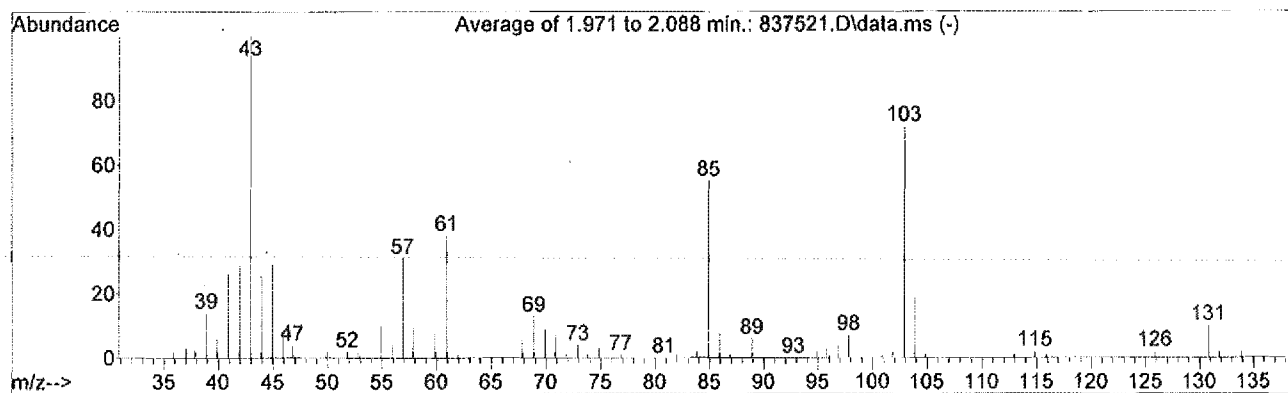| Ret. Time	Area	Area %	Ratio %
1.997	103835	4.00	4.17
6.988	2492946	96.00	100.00

Information from Data File:
File Name   : C:\MSDCHEM\1\DATA\SYSTEM9\07_25_12\837521.D
Operator   :
Date Acquired : 25 Jul 2012   15:15
Sample Name   : ████████████
Submitted by   : KAC
Vial Number   : 21
AcquisitionMeth: DRUGS.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                    C:\Database\NIST08.L   Minimum Quality: 10
                    C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	2.00	C:\Database\NIST08.L		
		Carbamic acid, acetyl-, ethyl ester	002597-54-8	38
		Heptanoic acid, 3-hydroxy-, methyl	015889-95-9	37
		d-Glycero-d-ido-heptose	1000130-14-3	37

Average of 1.971 to 2.088 min.: 837521.D\data.ms (-)

#13688: Carbamic acid, acetyl-, ethyl ester

Information from Data File:
File Name   : C:\MSDCHEM\1\DATA\SYSTEM9\07_25_12\837521.D
Operator   :
Date Acquired   : 25 Jul 2012   15:15
Sample Name   : ██████████
Submitted by   : KAC
Vial Number   : 21
AcquisitionMeth: DRUGS.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                    C:\Database\NIST08.L   Minimum Quality: 10
                    C:\Database\PMW_TOX2.L

PK#   RT   Library/ID   CAS#   Qual

2   6.99   C:\Database\SLI.L
                HEROIN   000561-27-3   91

Average of 6.934 to 7.271 min.: 837521.D\data.ms (-)
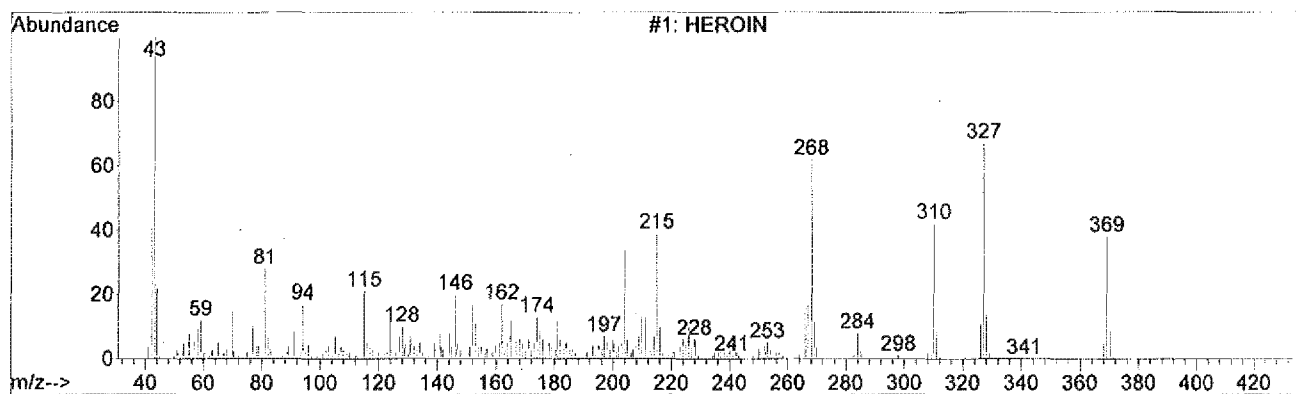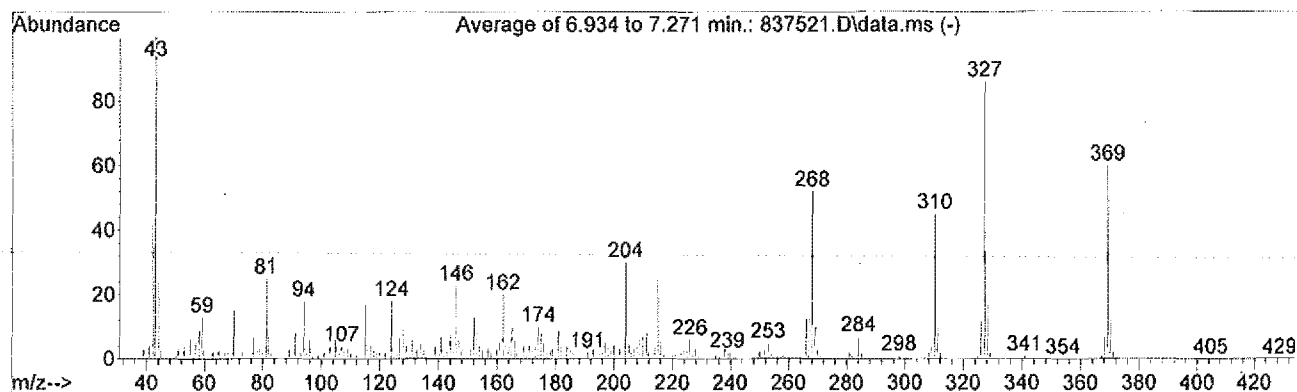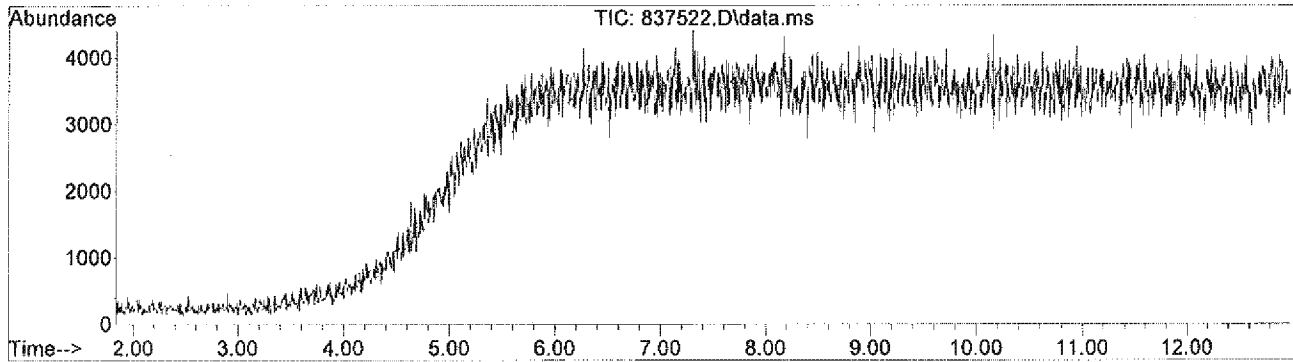

#1: HEROIN

Area Percent / Library Search Report

Information from Data File:
File Name   : C:\MSDCHEM\1\DATA\SYSTEM9\07_25_12\837522.D
Operator   :
Date Acquired : 25 Jul 2012   15:30
Sample Name   : BLANK
Submitted by : KAC
Vial Number   :   1
AcquisitionMeth: DRUGS.M
Integrator   : RTE

Ret. Time	Area	Area %	Ratio %

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:
File Name   : C:\MSDCHEM\1\DATA\SYSTEM9\07_25_12\837523.D
Operator   :
Date Acquired : 25 Jul 2012 15:46
Sample Name   : BLANK
Submitted by   :
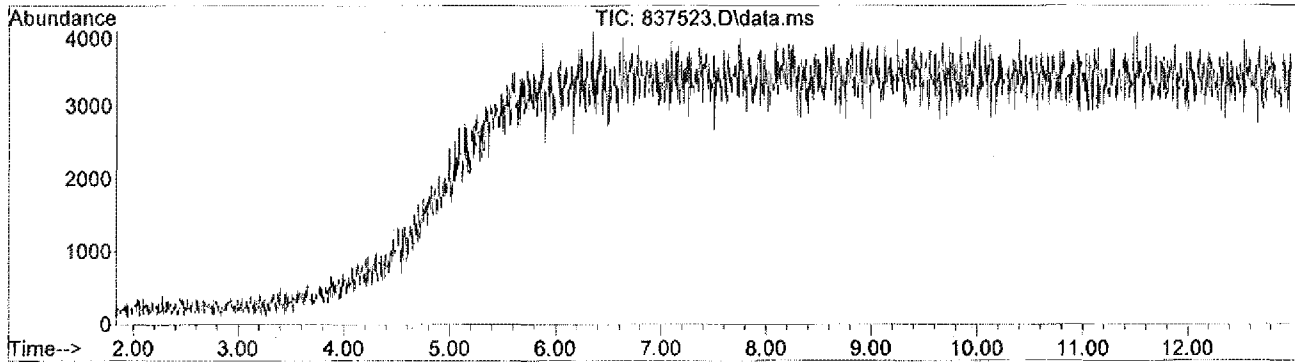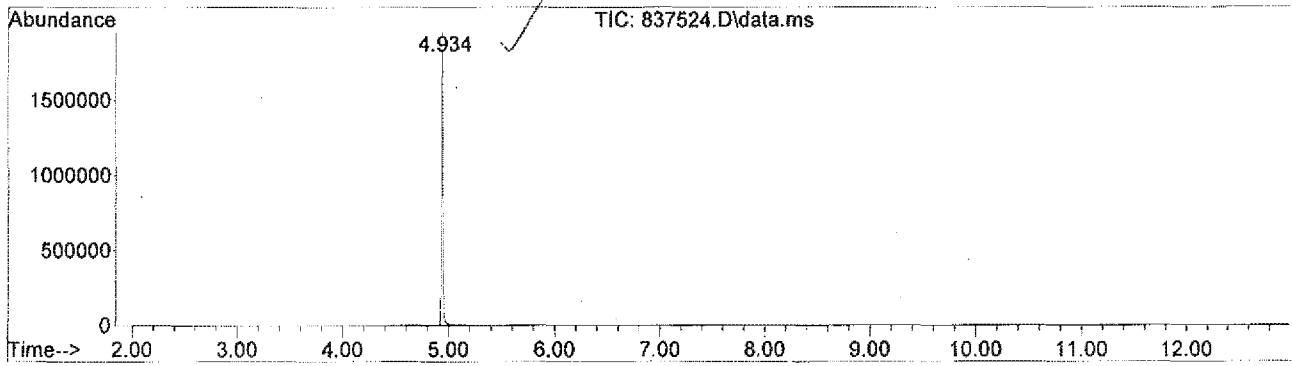Vial Number   :   1
AcquisitionMeth: DRUGS.M
Integrator   : RTE

Ret. Time   Area   Area %   Ratio %

NO INTEGRATED PEAKS
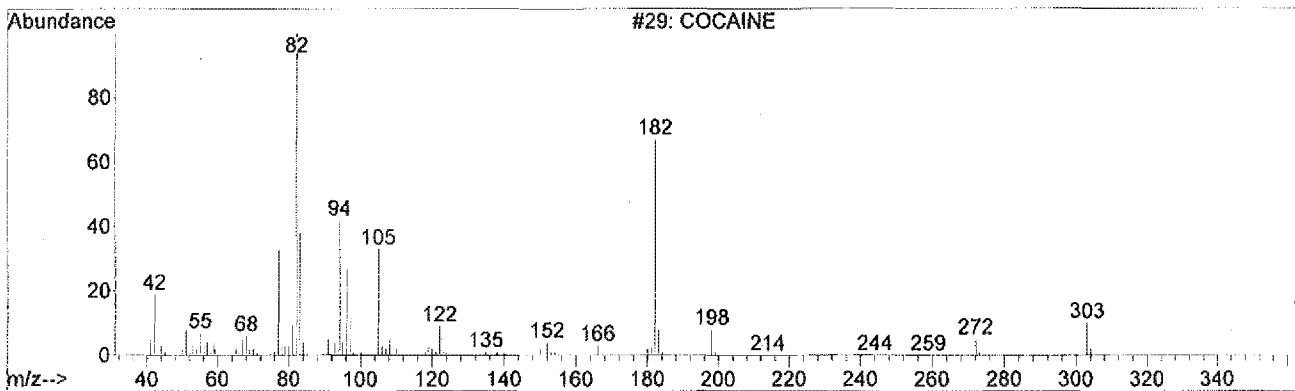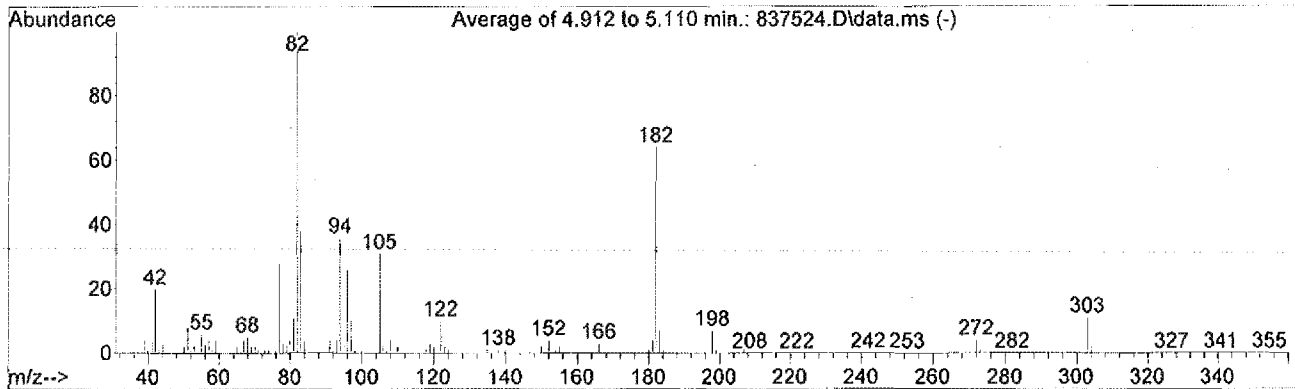
Area Percent / Library Search Report

Information from Data File:
File Name   : C:\MSDCHEM\1\DATA\SYSTEM9\07_25_12\837524.D
Operator   :
Date Acquired : 25 Jul 2012 16:01
Sample Name   : COCAINE STD
Submitted by   :
Vial Number   : 24
AcquisitionMeth: DRUGS.M
Integrator   : RTE

Ret. Time	Area	Area %	Ratio %
4.934	1774323	100.00	100.00

Information from Data File:
File Name   : C:\MSDCHEM\1\DATA\SYSTEM9\07_25_12\837524.D
Operator   :
Date Acquired : 25 Jul 2012   16:01
Sample Name.   : COCAINE STD
Submitted by   :
Vial Number   : 24
AcquisitionMeth: DRUGS.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                    C:\Database\NIST08.L   Minimum Quality: 10
                    C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	4.93	C:\Database\SLI.L		
		COCAINE	000050-36-2	99
		COCAINE	000050-36-2	99
		COCAINE	000050-36-2	99

Abundance   Average of 4.912 to 5.110 min.: 837524.D\data.ms (-)

Abundance   #29: COCAINE

Folk_OIG_PRR_064765

Information from Data File:
File Name   : C:\MSDCHEM\1\DATA\SYSTEM9\07_25_12\837525.D
Operator   :
Date Acquired : 25 Jul 2012   16:17
Sample Name   : BLANK
Submitted by   : KAC
Vial Number   :   1
AcquisitionMeth: DRUGS.M
Integrator   : RTE

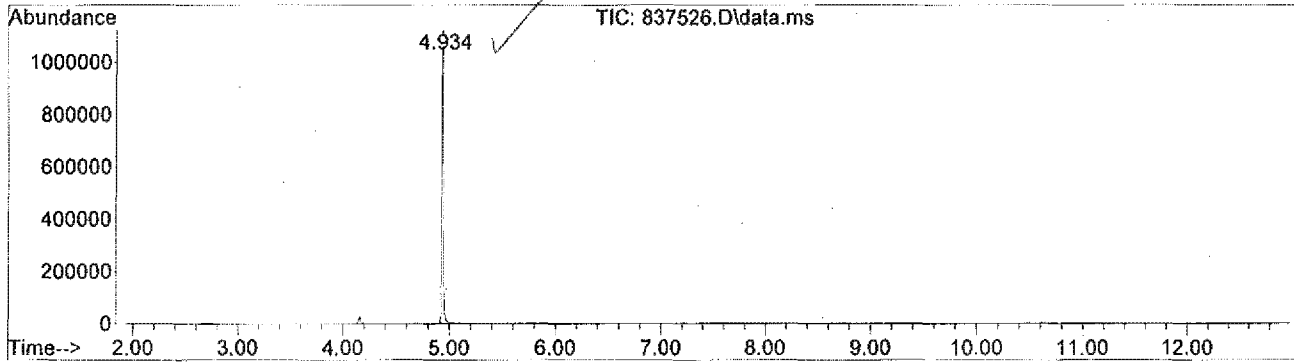Ret. Time   Area   Area %   Ratio %

NO INTEGRATED PEAKS

837525.D   Wed Jul 25 16:28:33 2012   Page 1

Area Percent / Library Search Report

Information from Data File:
File Name   : C:\MSDCHEM\1\DATA\SYSTEM9\07_25_12\837526.D
Operator   :
Date Acquired   : 25 Jul 2012 , 16:32
Sample Name   : ████████████
Submitted by   : KAC
Vial Number   : 26
AcquisitionMeth: DRUGS.M
Integrator   : RTE

Ret. Time	Area	Area %	Ratio %
4.934	1047901	100.00	100.00

Information from Data File:
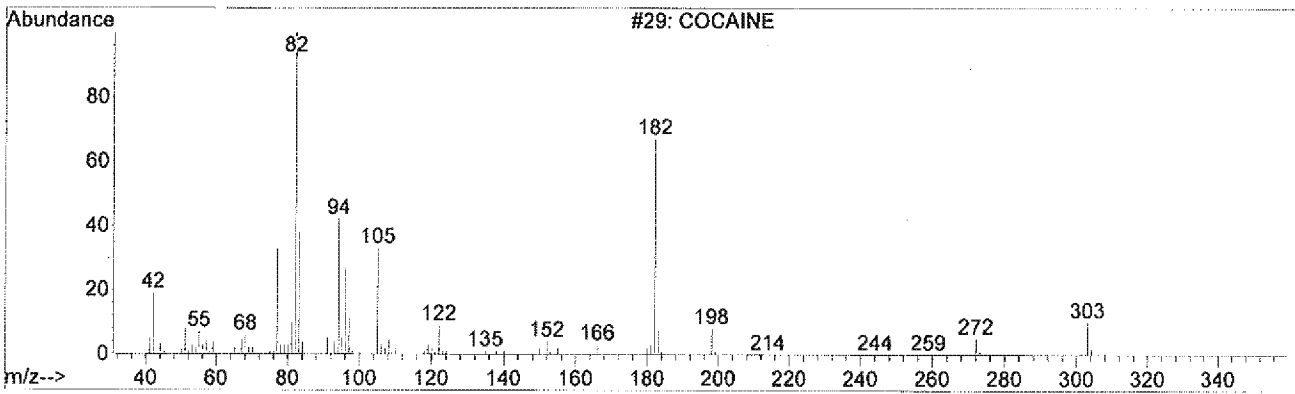```
File Name   : C:\MSDCHEM\1\DATA\SYSTEM9\07_25_12\837526.D
Operator   :
Date Acquired   : 25 Jul 2012 16:32
Sample Name   : ███████████
Submitted by   : KAC
Vial Number   : 26
AcquisitionMeth: DRUGS.M
Integrator   : RTE
```

Search Libraries:    C:\Database\SLI.L                   Minimum Quality: 80
                     C:\Database\NIST08.L                Minimum Quality: 10
                     C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|---|---|---|---|---|
| 1 | 4.93 | C:\Database\SLI.L | | |
| | | COCAINE | 000050-36-2 | 99 |
| | | COCAINE | 000050-36-2 | 99 |
| | | COCAINE | 000050-36-2 | 99 |

Abundance    Average of 4.912 to 5.051 min.: 837526.D\data.ms (-)

82
182
94 105
42
55 68
122 135 152 166
198 208 222 242 259 272 282 303 331 343 355
m/z-->  40 60 80 100 120 140 160 180 200 220 240 260 280 300 320 340

Abundance    #29: COCAINE

82
182
94
105
42
55 68
122 135 152 166
198 214 244 259 272 303
m/z-->  40 60 80 100 120 140 160 180 200 220 240 260 280 300 320 340

837526.D        Wed Jul 25 16:44:01 2012        Page  2

# Area Percent / Library Search Report
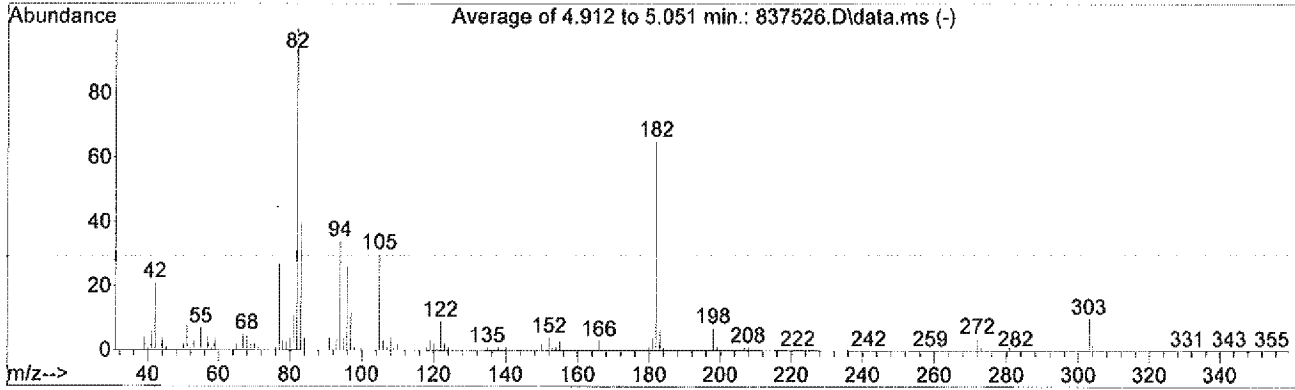
Information from Data File:
```
File Name   : C:\MSDCHEM\1\DATA\SYSTEM9\07_25_12\837554.D
Operator   :
Date Acquired   : 25 Jul 2012   23:33
Sample Name   : BLANK
Submitted by   :
Vial Number   :   2
AcquisitionMeth: WSCREEN.M
Integrator   : RTE
```
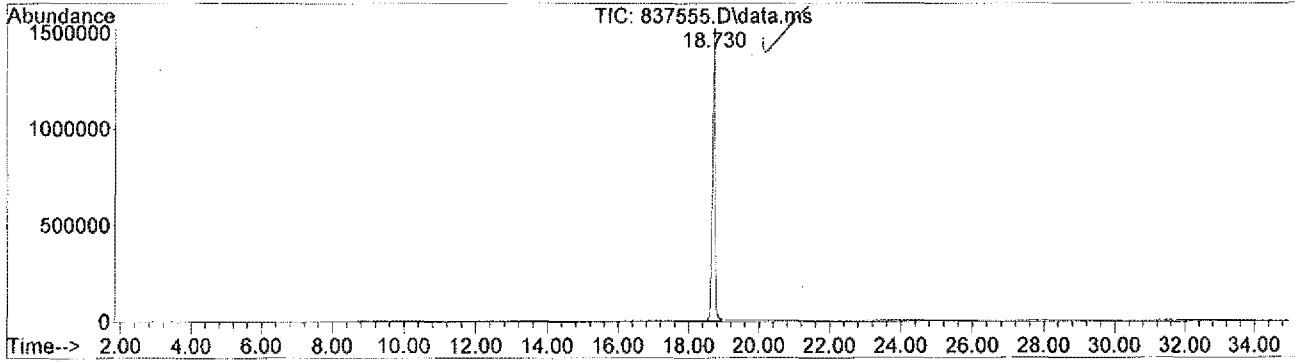


| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|

***NO INTEGRATED PEAKS***

Area Percent / Library Search Report

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Information from Data File:
File Name      : C:\MSDCHEM\1\DATA\SYSTEM9\07_25_12\837555.D
Operator       :
Date Acquired  : 26 Jul 2012  00:12
Sample Name    : BUPRENORPHINE STD
Submitted by   :
Vial Number    :  55
AcquisitionMeth: WSCREEN.M
Integrator     : RTE

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Abundance

TIC: 837555.D\data.ms
18.730

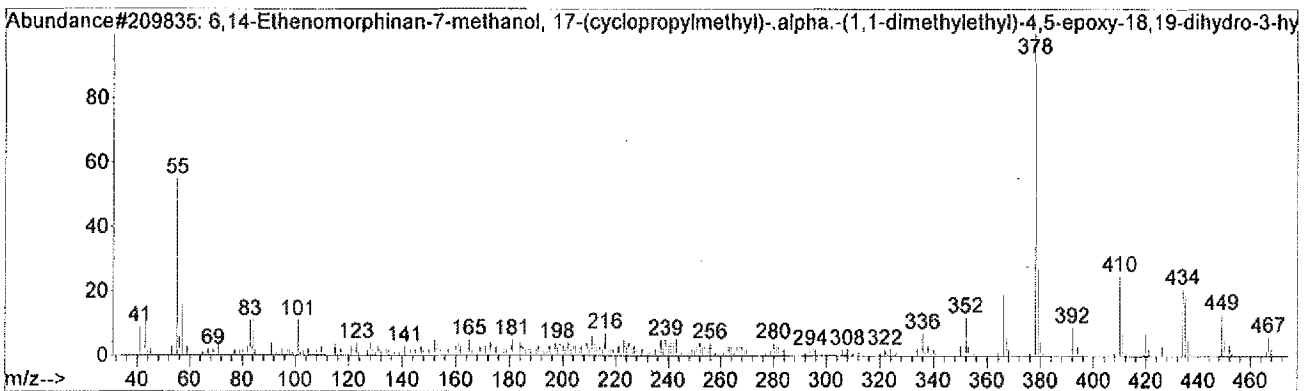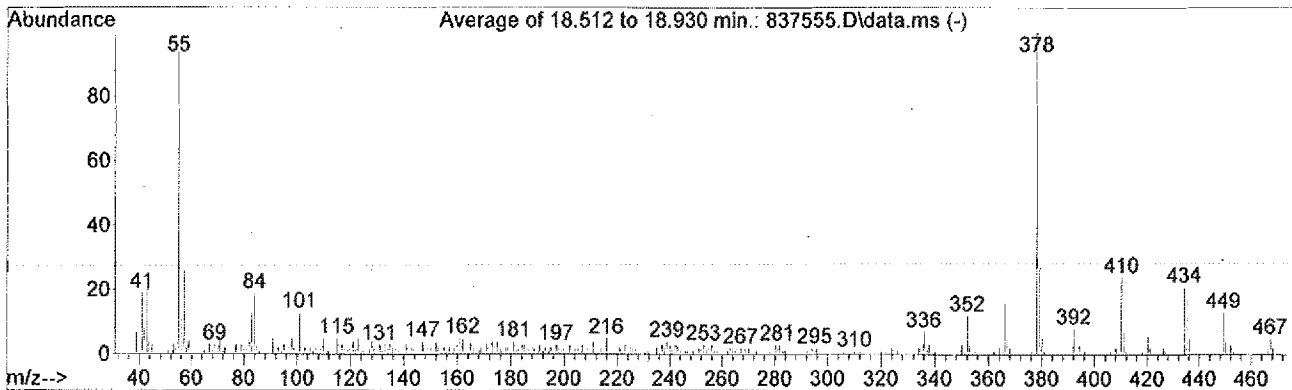| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|
| 18.730 | 8010906 | 100.00 | 100.00 |

---

Information from Data File:
File Name       : C:\MSDCHEM\1\DATA\SYSTEM9\07_25_12\837555.D
Operator        :
Date Acquired   : 26 Jul 2012  00:12
Sample Name     : BUPRENORPHINE STD
Submitted by    :
Vial Number     :  55
AcquisitionMeth : WSCREEN.M
Integrator      : RTE

Search Libraries:    C:\Database\SLI.L              Minimum Quality: 80
                     C:\Database\NIST08.L           Minimum Quality: 10
                     C:\Database\PMW_TOX2.L

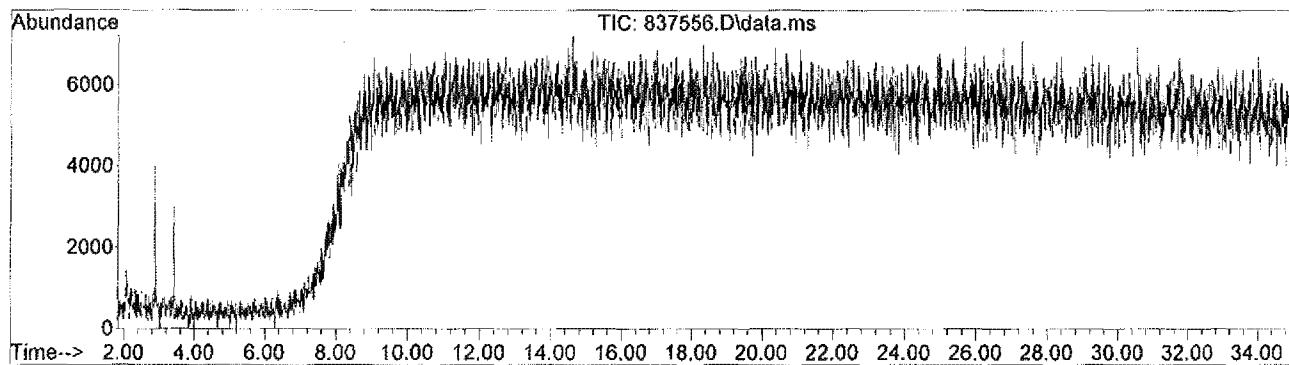PK#   RT      Library/ID                              CAS#          Qual

  1   18.73   C:\Database\NIST08.L
              6,14-Ethenomorphinan-7-methanol, 17  052485-79-7       99
              6,14-Ethenomorphinan-7-methanol, 17  052485-79-7       99
              6,14-Ethenomorphinan-7-methanol, 17  052485-79-7       96

Folk_OIG_PRR_064771

Information from Data File:
File Name      : C:\MSDCHEM\1\DATA\SYSTEM9\07_25_12\837556.D
Operator       :
Date Acquired  : 26 Jul 2012  00:50
Sample Name    : BLANK
Submitted by   :
Vial Number    :    2
AcquisitionMeth: WSCREEN.M
Integrator     : RTE



| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|

***NO INTEGRATED PEAKS***

837556.D              Thu Jul 26 01:24:14 2012              Page   1

Information from Data File:
```
File Name   : C:\MSDCHEM\1\DATA\SYSTEM9\07_25_12\837557.D
Operator   :
Date Acquired   : 26 Jul 2012   1:29
Sample Name   : BLANK
Submitted by   : KAC
Vial Number   :   2
AcquisitionMeth: WSCREEN.M
Integrator   : RTE
```
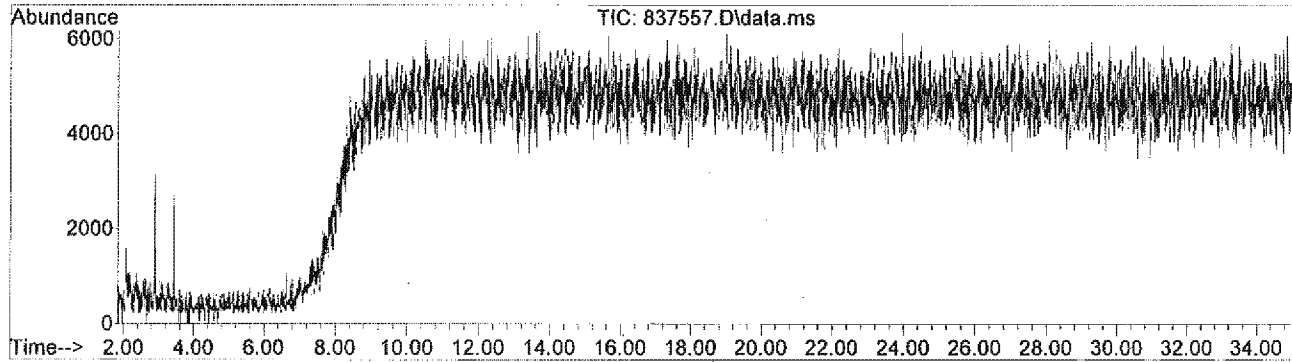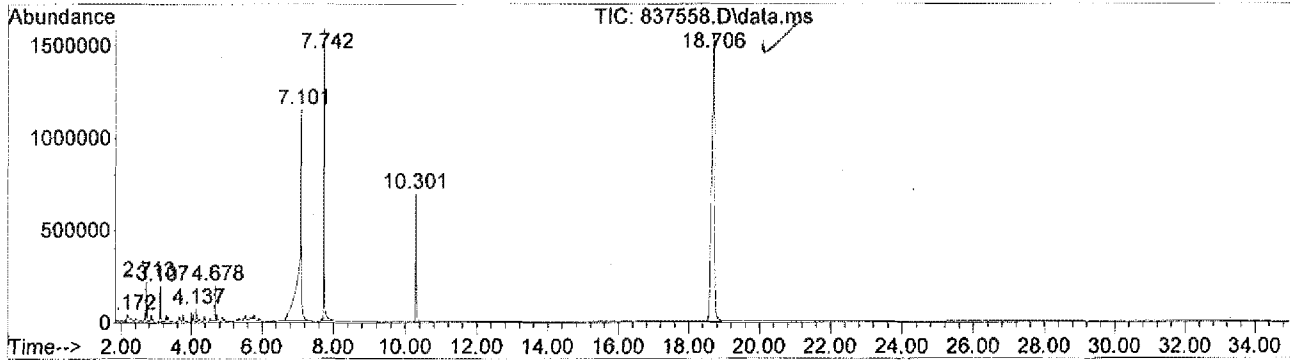


| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|

***NO INTEGRATED PEAKS***

Area Percent / Library Search Report

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Information from Data File:
File Name      : C:\MSDCHEM\1\DATA\SYSTEM9\07_25_12\837558.D
Operator       :
Date Acquired  : 26 Jul 2012,  2:08
Sample Name    : █████████████
Submitted by   : KAC
Vial Number    :   58
AcquisitionMeth: WSCREEN.M
Integrator     : RTE

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| Ret. Time | Area | Area % | Ratio % |
|---|---|---|---|
| 2.172 | 215709 | 1.25 | 2.50 |
| 2.713 | 331077 | 1.92 | 3.84 |
| 3.107 | 312529 | 1.82 | 3.62 |
| 4.137 | 109276 | 0.63 | 1.27 |
| 4.678 | 221443 | 1.29 | 2.57 |
| 7.101 | 4736426 | 27.52 | 54.90 |
| 7.742 | 1584188 | 9.20 | 18.36 |
| 10.301 | 1073595 | 6.24 | 12.44 |
| 18.706 | 8626990 | 50.12 | 100.00 |

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Information from Data File:
File Name        : C:\MSDCHEM\1\DATA\SYSTEM9\07_25_12\837558.D
Operator         :
Date Acquired    : 26 Jul 2012     2:08
Sample Name      : ██████████
Submitted by     : KAC
Vial Number      :   58
AcquisitionMeth: WSCREEN.M
Integrator       : RTE

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Search Libraries:    C:\Database\SLI.L                    Minimum Quality: 80
                     C:\Database\NIST08.L                 Minimum Quality: 10
                     C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|-----|-----------|------|------|
| 1 | 2.17 | C:\Database\NIST08.L | | |
| | | dl-Glyceraldehyde dimer | 026793-98-6 | 50 |
| | | Propanal, 2,3-dihydroxy- | 000367-47-5 | 42 |
| | | 3,4-Altrosan | 1000129-76-4 | 40 |



Average of 2.101 to 2.378 min.: 837558.D\data.ms (-)
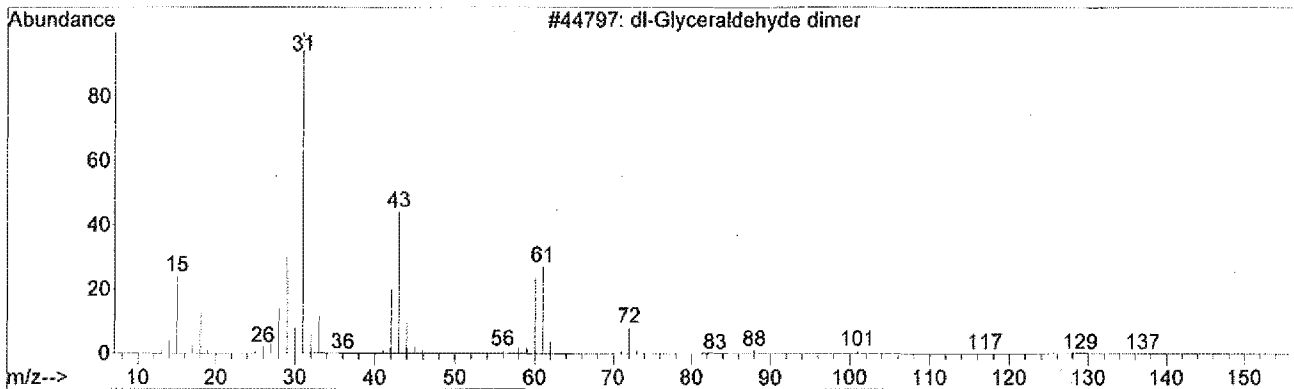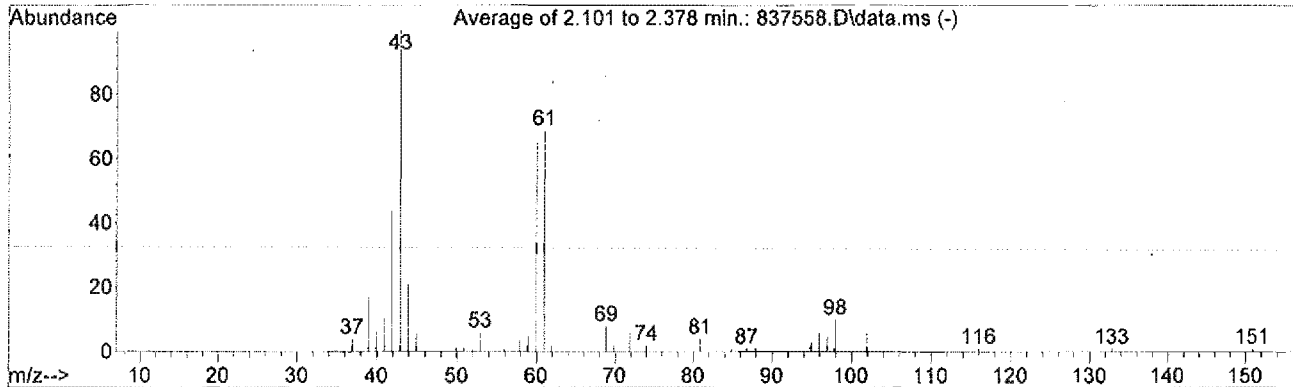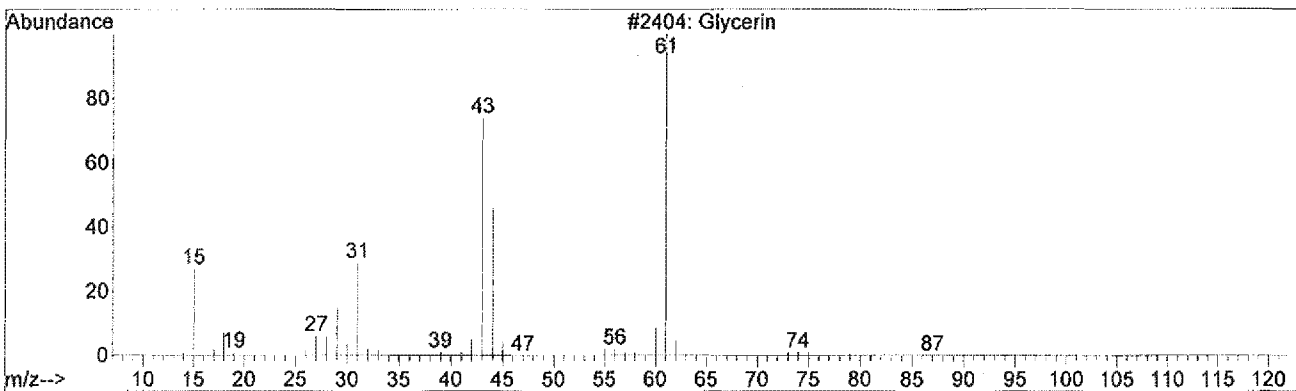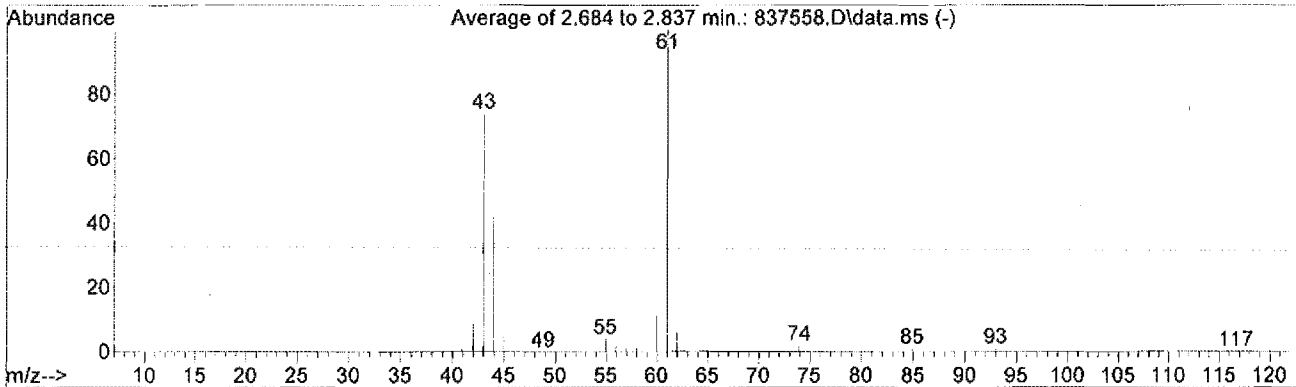


#44797: dl-Glyceraldehyde dimer

Area Percent / Library Search Report

Information from Data File:
File Name      : C:\MSDCHEM\1\DATA\SYSTEM9\07_25_12\837558.D
Operator       :
Date Acquired  : 26 Jul 2012    2:08
Sample Name    : ████████
Submitted by   : KAC
Vial Number    : 58
AcquisitionMeth: WSCREEN.M
Integrator     : RTE

Search Libraries:   C:\Database\SLI.L            Minimum Quality: 80
                    C:\Database\NIST08.L         Minimum Quality: 10
                    C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|---|---|---|---|---|
| 2 | 2.71 | C:\Database\NIST08.L | | |
| | | Glycerin | 000056-81-5 | 83 |
| | | Glycerin | 000056-81-5 | 83 |
| | | Glycerin | 000056-81-5 | 74 |

Abundance          Average of 2.684 to 2.837 min.: 837558.D\data.ms (-)
                                        61
80                      43
60
40
20
                            49   55        74    85    93          117
0
m/z-->  10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120

Abundance                        #2404: Glycerin
                                        61
80                      43
60
40
     15          31
20
        19     27        39   47    56        74      87
0
m/z-->  10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120

837558.D          Thu Jul 26 02:41:54 2012          Page  3
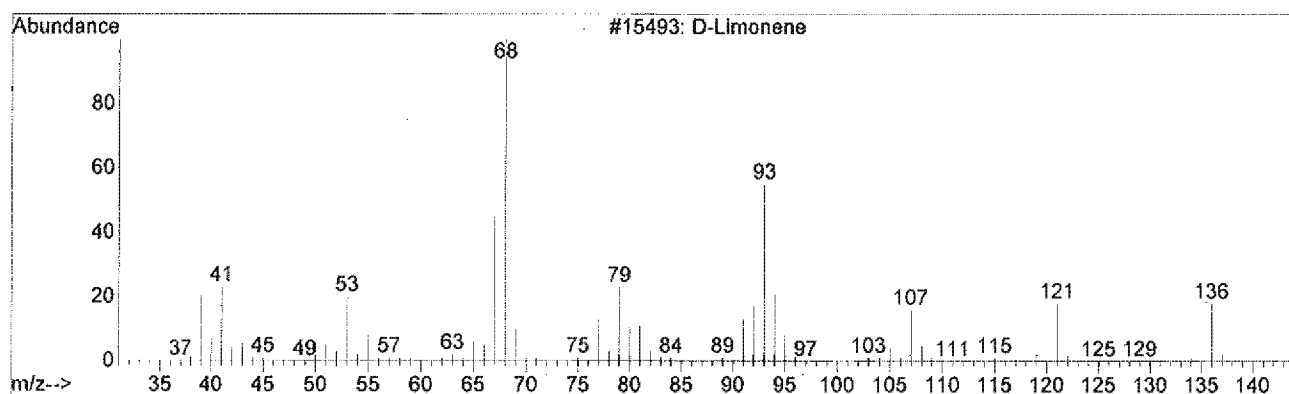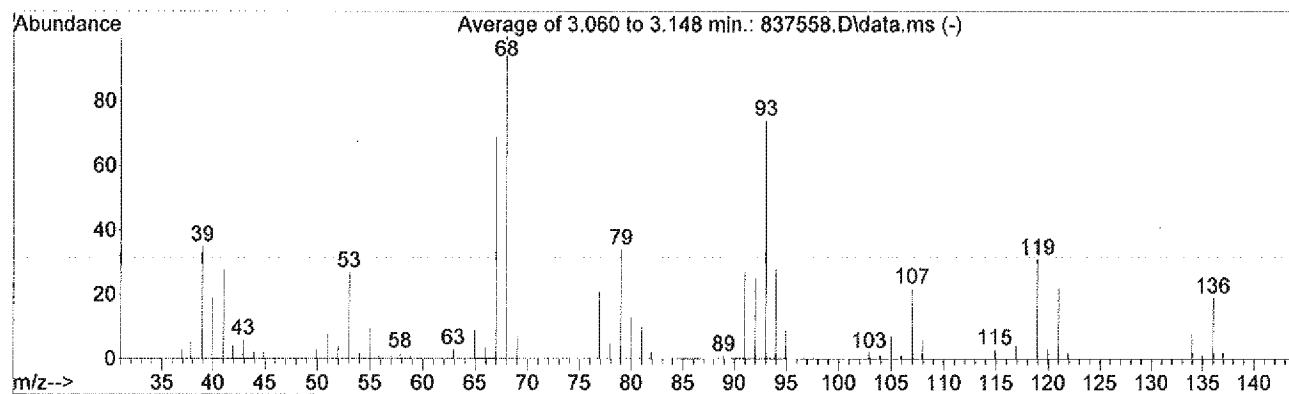
```
Information from Data File:
File Name   : C:\MSDCHEM\1\DATA\SYSTEM9\07_25_12\837558.D
Operator   :
Date Acquired   : 26 Jul 2012   2:08
Sample Name   :
Submitted by   : KAC
Vial Number   : 58
AcquisitionMeth : WSCREEN.M
Integrator   : RTE
```

```
Search Libraries:   C:\Database\SLI.L              Minimum Quality: 80
                    C:\Database\NIST08.L           Minimum Quality: 10
                    C:\Database\PMW_TOX2.L
```

PK#	RT	Library/ID	CAS#	Qual
3	3.11	C:\Database\NIST08.L		
		D-Limonene	005989-27-5	94
		D-Limonene	005989-27-5	93
		D-Limonene	005989-27-5	93

Average of 3.060 to 3.148 min.: 837558.D\data.ms (-)

#15493: D-Limonene

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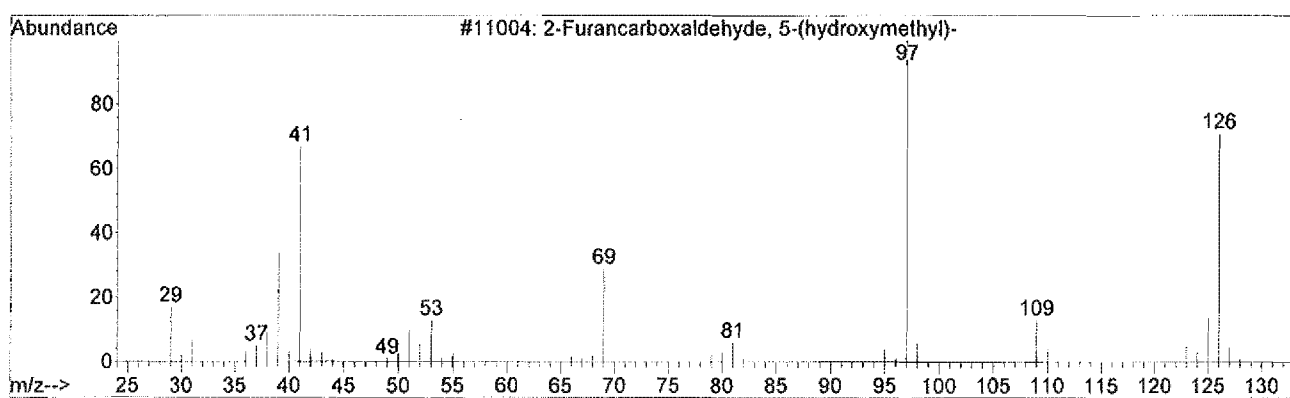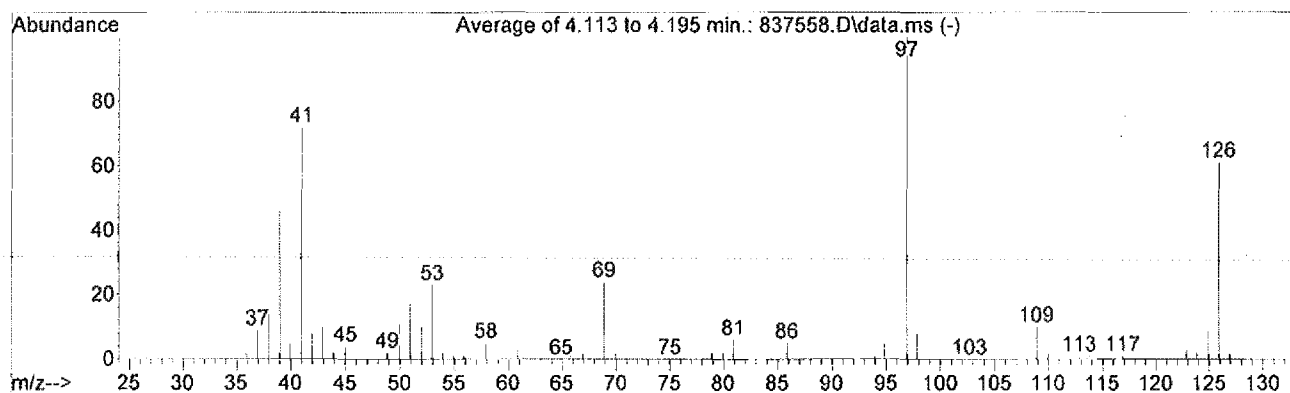
Information from Data File:
File Name   : C:\MSDCHEM\1\DATA\SYSTEM9\07_25_12\837558.D
Operator   :
Date Acquired : 26 Jul 2012   2:08
Sample Name   : ███████████
Submitted by   : KAC
Vial Number   : 58
AcquisitionMeth: WSCREEN.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                    C:\Database\NIST08.L   Minimum Quality: 10
                    C:\Database\PMW_TOX2.L

PK#	RT	Library/ID		CAS#	Qual
4	4.14	C:\Database\NIST08.L			
		2-Furancarboxaldehyde,	5-(hydroxyme	000067-47-0	60
		2-Furancarboxaldehyde,	5-(hydroxyme	000067-47-0	46
		4-Mercaptophenol		000637-89-8	37

Average of 4.113 to 4.195 min.: 837558.D\data.ms (-)

#11004: 2-Furancarboxaldehyde, 5-(hydroxymethyl)-
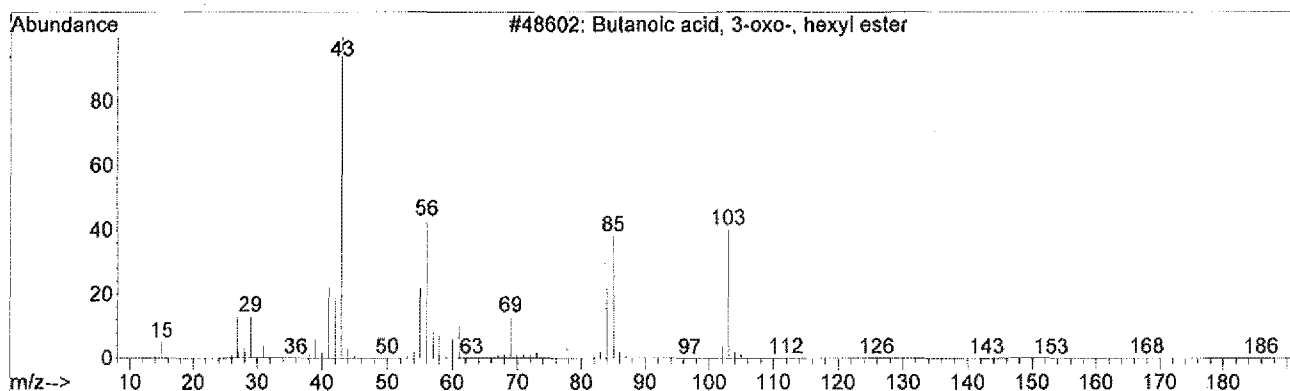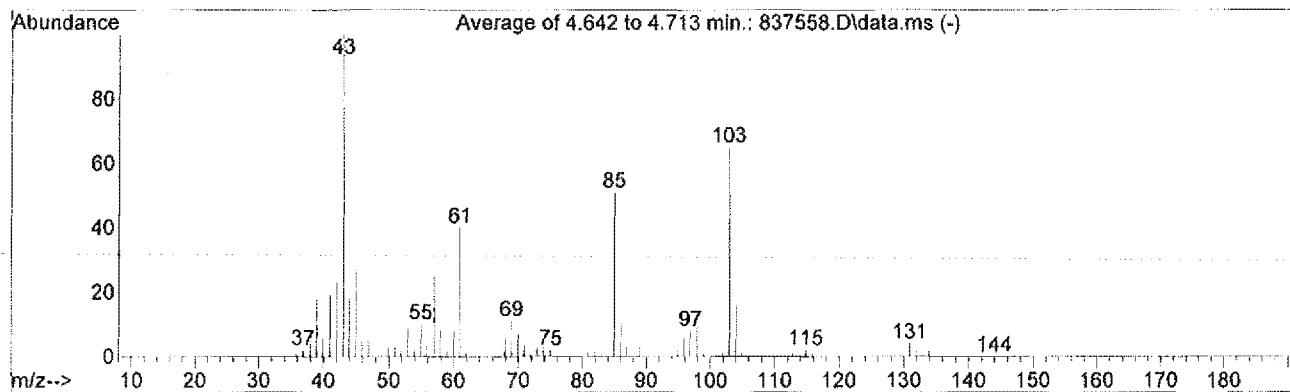
Information from Data File:
File Name   : C:\MSDCHEM\1\DATA\SYSTEM9\07_25_12\837558.D
Operator   :
Date Acquired   : 26 Jul 2012   2:08
Sample Name   : ███████████
Submitted by   : KAC
Vial Number   : 58
AcquisitionMeth: WSCREEN.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                     C:\Database\NIST08.L   Minimum Quality: 10
                     C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
5	4.68	C:\Database\NIST08.L		
		Butanoic acid, 3-oxo-, hexyl ester	013562-84-0	37
		Butanoic acid, 3-oxo-, 2-methylprop	007779-75-1	37
		Butanedioic acid, 2-hydroxy-2-methy	006236-09-5	32

Average of 4.642 to 4.713 min.: 837558.D\data.ms (-)

#48602: Butanoic acid, 3-oxo-, hexyl ester

```
Information from Data File:
File Name        : C:\MSDCHEM\1\DATA\SYSTEM9\07_25_12\837558.D
Operator         :
Date Acquired    : 26 Jul 2012    2:08
Sample Name      : ████████████
Submitted by     : KAC
Vial Number      : 58
AcquisitionMeth: WSCREEN.M
Integrator       : RTE
```

```
Search Libraries:   C:\Database\SLI.L              Minimum Quality: 80
                    C:\Database\NIST08.L           Minimum Quality: 10
                    C:\Database\PMW_TOX2.L
```

PK#	RT	Library/ID	CAS#	Qual
6	7.10	C:\Database\NIST08.L		
		Glucitol	026566-34-7	91
		Sorbitol	000050-70-4	86
		Sorbitol	000050-70-4	83

Average of 6.631 to 7.266 min.: 837558.D\data.ms (-)

#46252: Glucitol

Folk_OIG_PRR_064780

Area Percent / Library Search Report
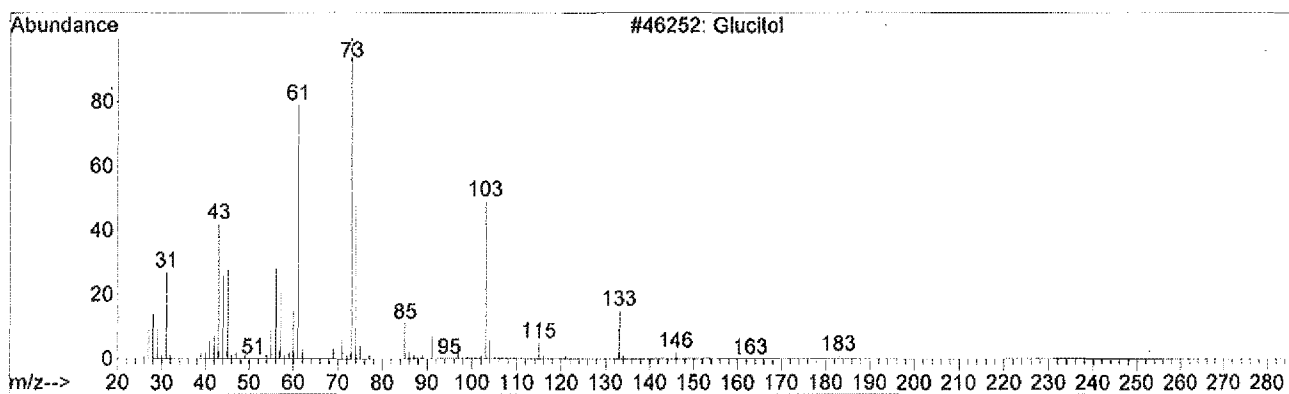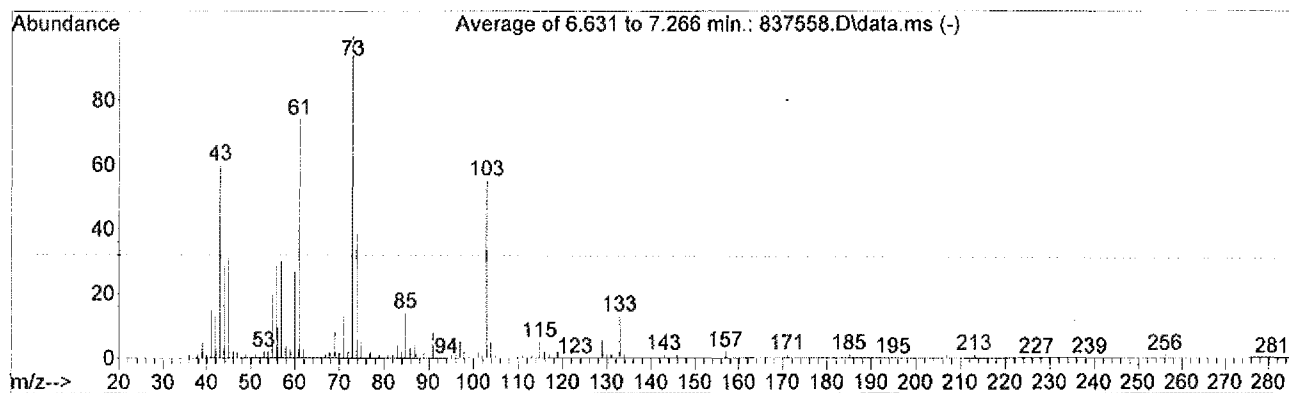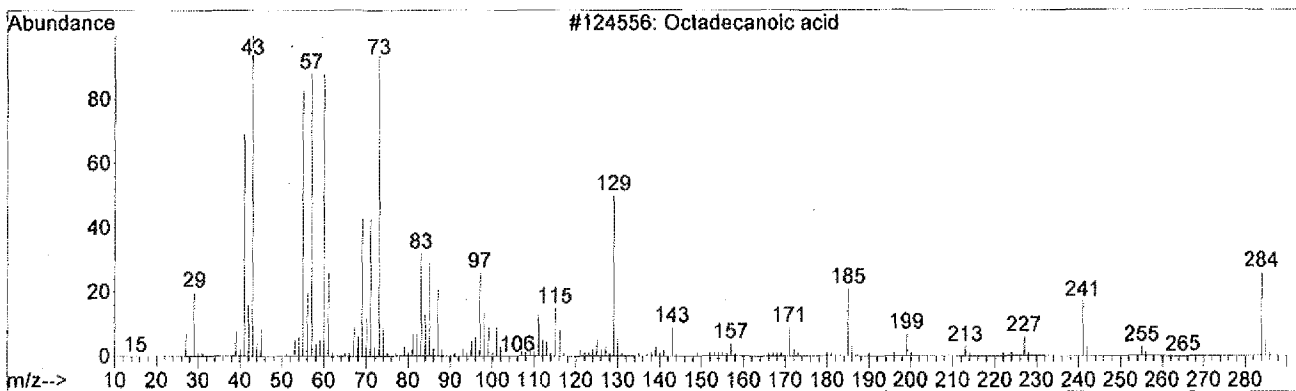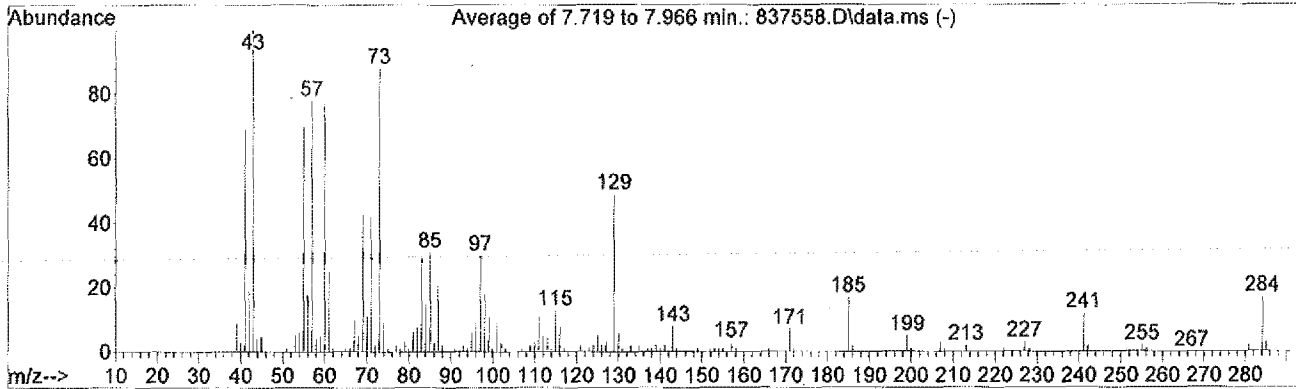
```
Information from Data File:
File Name       : C:\MSDCHEM\1\DATA\SYSTEM9\07_25_12\837558.D
Operator        :
Date Acquired   : 26 Jul 2012    2:08
Sample Name     :
Submitted by    : KAC
Vial Number     :  58
AcquisitionMeth : WSCREEN.M
Integrator      : RTE
```

Search Libraries:	C:\Database\SLI.L	Minimum Quality: 80
	C:\Database\NIST08.L	Minimum Quality: 10
	C:\Database\PMW_TOX2.L	

PK#	RT	Library/ID	CAS#	Qual
7	7.74	C:\Database\NIST08.L		
		Octadecanoic acid	000057-11-4	99
		Octadecanoic acid	000057-11-4	96
		Octadecanoic acid	000057-11-4	95

Average of 7.719 to 7.966 min.: 837558.D\data.ms (-)

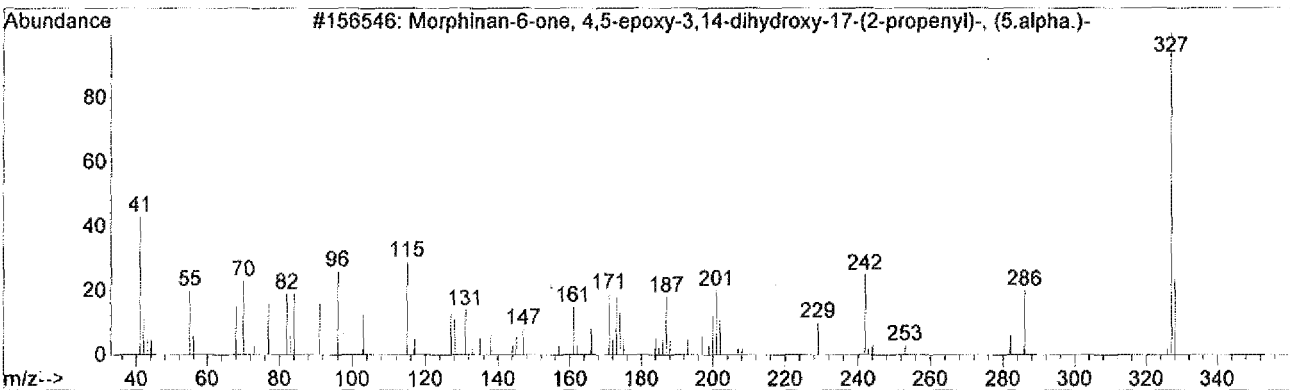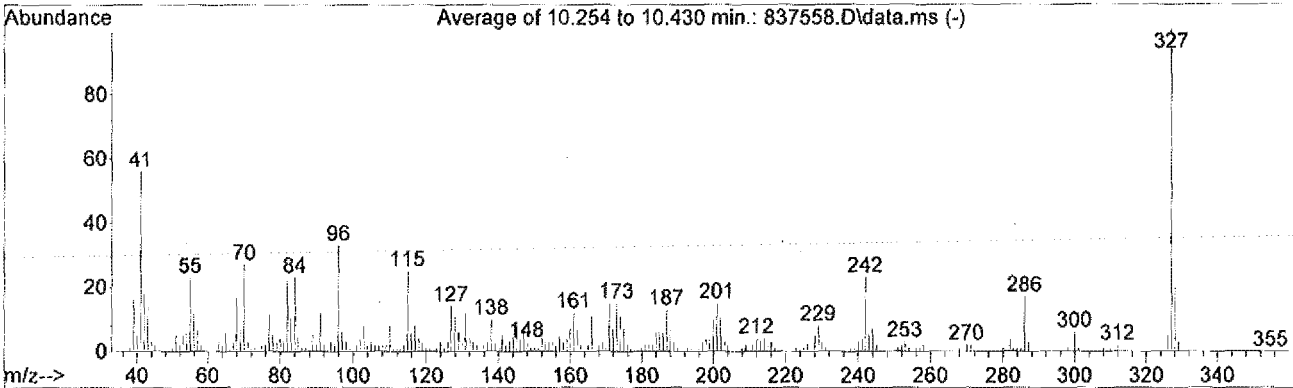#124556: Octadecanoic acid

Information from Data File:
File Name   : C:\MSDCHEM\1\DATA\SYSTEM9\07_25_12\837558.D
Operator   :
Date Acquired   : 26 Jul 2012   2:08
Sample Name   : ██████████
Submitted by   : KAC
Vial Number   :   58
AcquisitionMeth: WSCREEN.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                    C:\Database\NIST08.L   Minimum Quality: 10
                    C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
8	10.30	C:\Database\NIST08.L		
		Morphinan-6-one, 4,5-epoxy-3,14-dih	000465-65-6	99
		Morphinan-6-one, 4,5-epoxy-3,14-dih	000465-65-6	99
		Morphinan-6-one, 4,5-epoxy-3,14-dih	000465-65-6	98

Average of 10.254 to 10.430 min.: 837558.D\data.ms (-)

#156546: Morphinan-6-one, 4,5-epoxy-3,14-dihydroxy-17-(2-propenyl)-, (5.alpha.)-

Folk_OIG_PRR_064782

```
Information from Data File:
File Name       : C:\MSDCHEM\1\DATA\SYSTEM9\07_25_12\837558.D
Operator        :
Date Acquired   : 26 Jul 2012      2:08
Sample Name     : ████████████
Submitted by    : KAC
Vial Number     :  58
AcquisitionMeth : WSCREEN.M
Integrator      : RTE
```

```
Search Libraries:   C:\Database\SLI.L                Minimum Quality: 80
                    C:\Database\NIST08.L             Minimum Quality: 10
                    C:\Database\PMW_TOX2.L
```

PK#	RT	Library/ID	CAS#	Qual
9	18.71	C:\Database\NIST08.L		
		6,14-Ethenomorphinan-7-methanol, 17	052485-79-7	99
		6,14-Ethenomorphinan-7-methanol, 17	052485-79-7	99
		6,14-Ethenomorphinan-7-methanol, 17	052485-79-7	97

Abundance   Average of 18.495 to 18.930 min.: 837558.D\data.ms (-)

Abundance#209835: 6,14-Ethenomorphinan-7-methanol, 17-(cyclopropylmethyl)-.alpha.-(1,1-dimethylethyl)-4,5-epoxy-18,19-dihydro-3-hy

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837558.D          Thu Jul 26 02:41:57 2012          Page 10
```
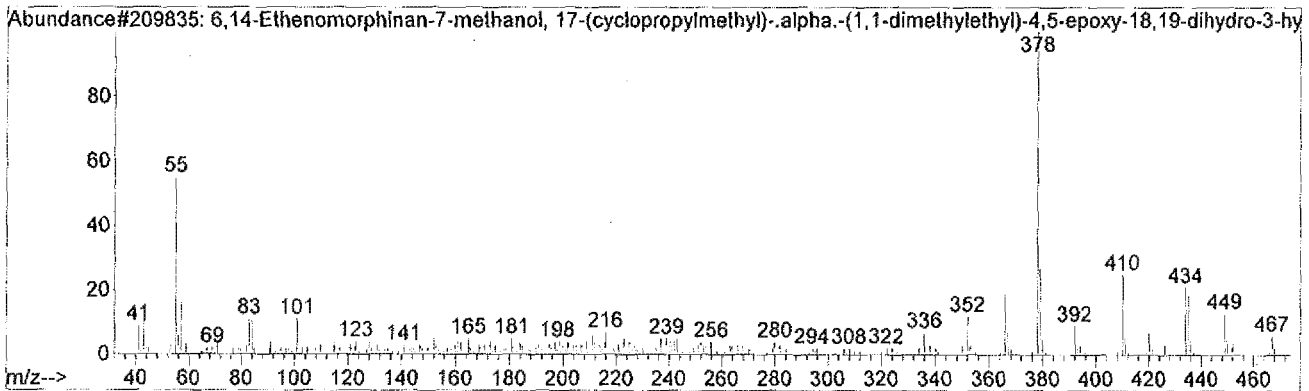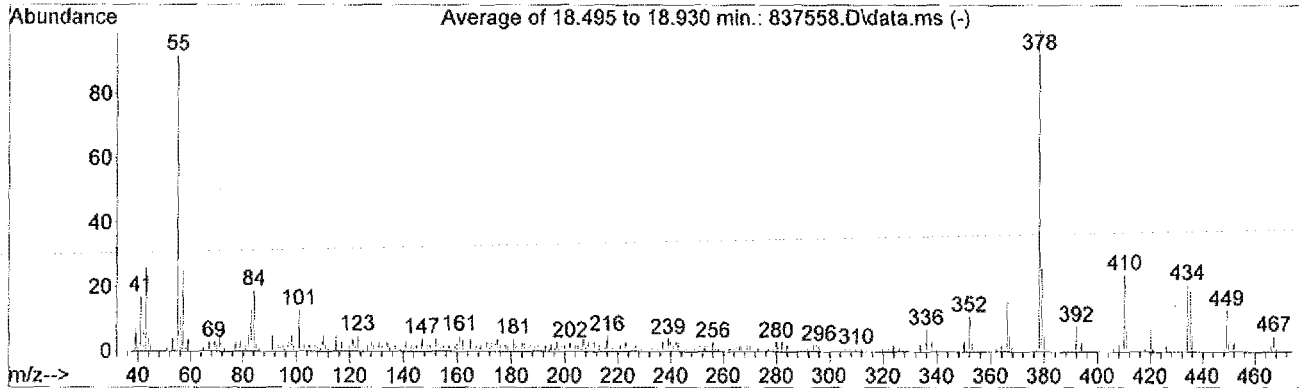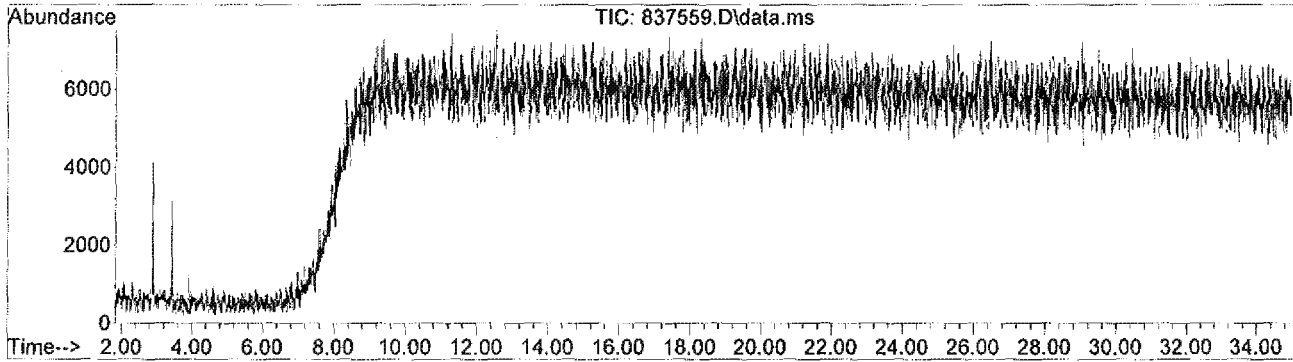
Area Percent / Library Search Report

Information from Data File:
File Name   : C:\MSDCHEM\1\DATA\SYSTEM9\07_25_12\837559.D
Operator   :
Date Acquired : 26 Jul 2012   2:47
Sample Name   : BLANK
Submitted by   : KAC
Vial Number   :   2
AcquisitionMeth: WSCREEN.M
Integrator   : RTE

Ret. Time   Area   Area %   Ratio %

NO INTEGRATED PEAKS

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